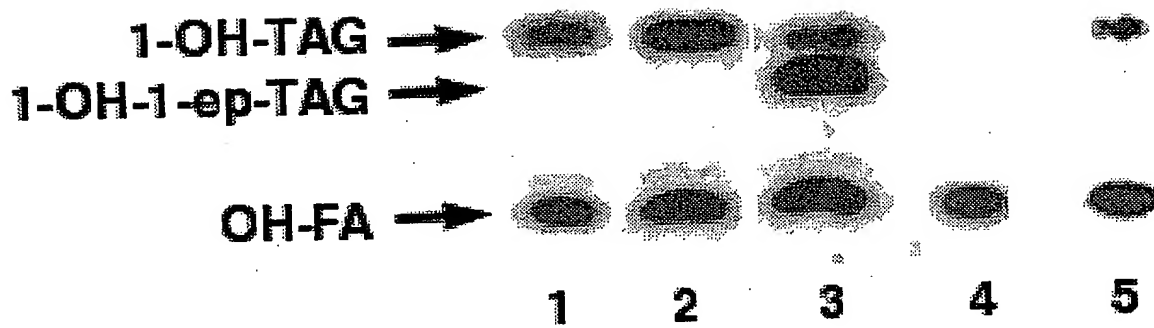


Fig. 1:

Figures

Fig 2

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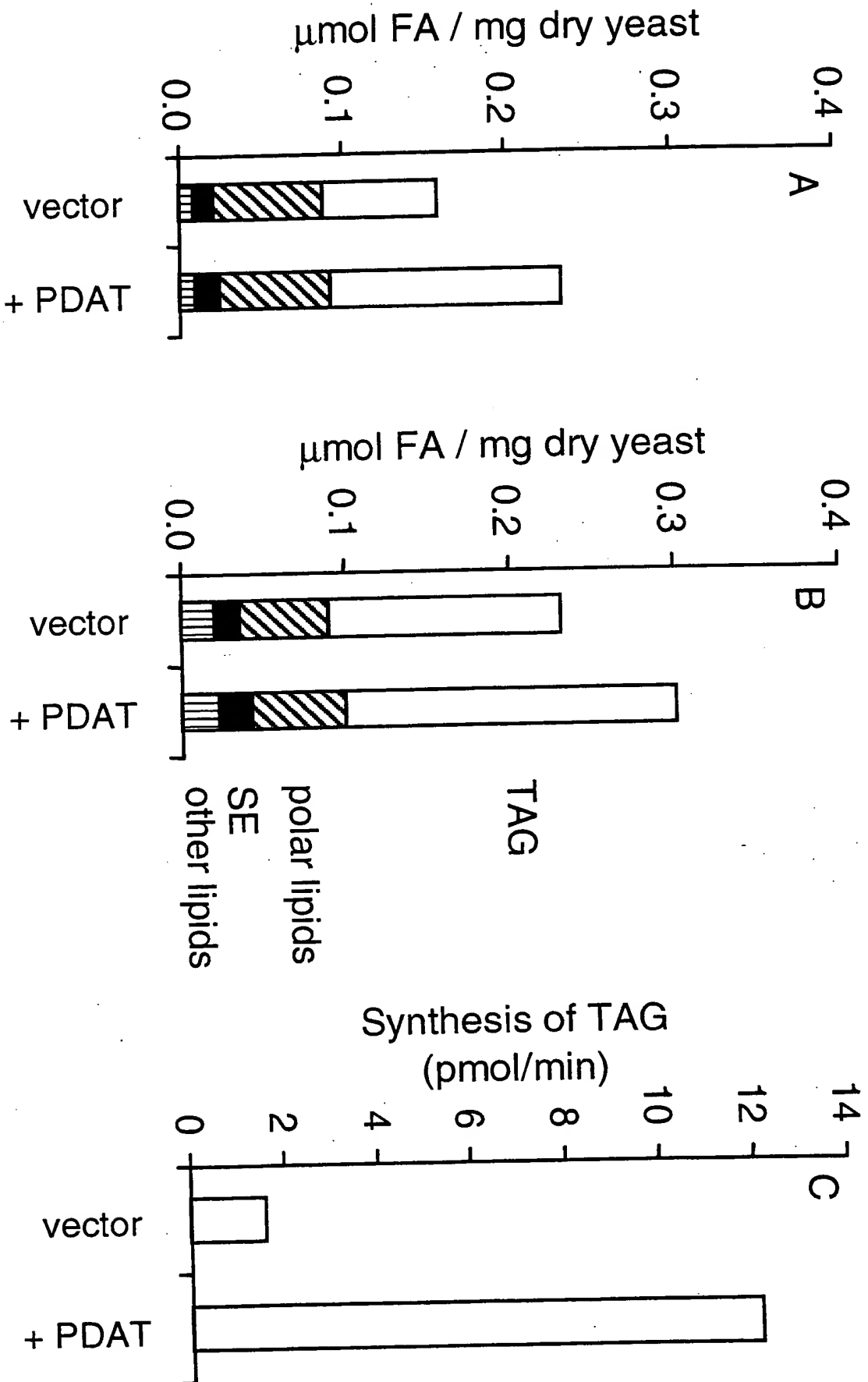
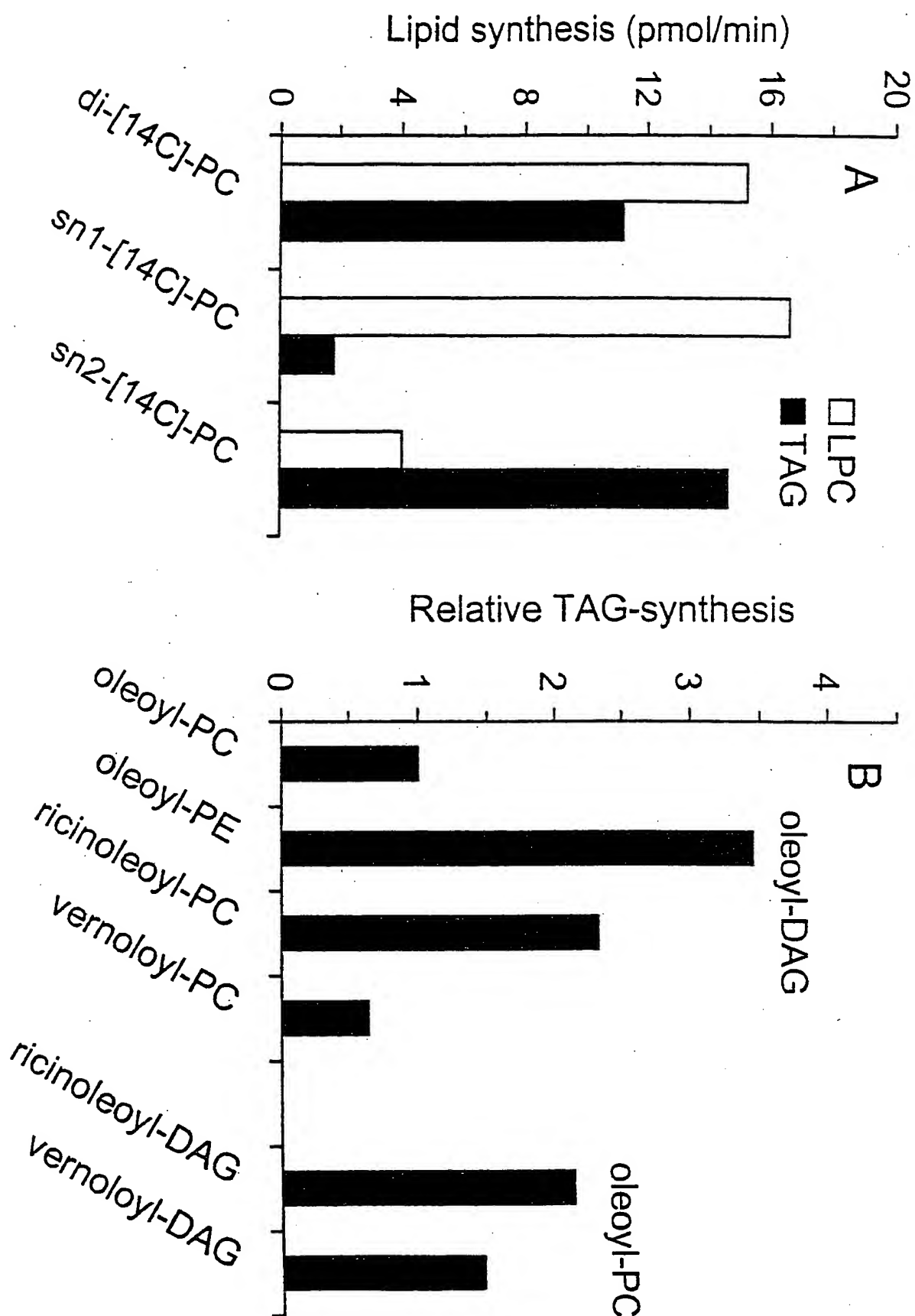


Fig. 3:

Fig.4:



NAE 3377/99 PCT

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Tables

Tab. 1:

Substrate added	¹⁴ C]-lipid ⁽²⁾	unlabelled lipid ⁽²⁾	mol % of added [¹⁴ C]-acyl group in TAG ⁽¹⁾				3
			1-OH-TAG	2-OH-TAG	1-OH-1-ver-TAG	1-OH-2-ver-TAG	
A mono-[¹⁴ C]-ricinoleoyl-DAG	mono-ricinoleoyl-DAG	mono-ricinoleoyl-DAG	2,8	12,4	-	-	-
A mono-[¹⁴ C]-ricinoleoyl-DAG	mono-vernoleoyl-DAG	mono-vernoleoyl-DAG	3,2	12,1	1,3	-	-
A mono-[¹⁴ C]-ricinoleoyl-DAG	di-vernoleoyl-DAG	di-vernoleoyl-DAG	4	10	0,5	1,2	-
A mono-[¹⁴ C]-ricinoleoyl-DAG	di-ricinoleoyl-PC	di-ricinoleoyl-PC	0,3	24,8	-	-	-
B mono-[¹⁴ C]-ricinoleoyl-PC	none	none	6,8	8,0	-	-	4,7
C mono-[¹⁴ C]-ricinoleoyl-PC	di-oleoyl-DAG	di-oleoyl-DAG	8,6	9,8	-	-	5,0
C mono-[¹⁴ C]-ricinoleoyl-PC	mono-ricinoleoyl-DAG	mono-ricinoleoyl-DAG	5,7	16,7	-	-	9,5
C mono-[¹⁴ C]-ricinoleoyl-PC	di-ricinoleoyl-DAG	di-ricinoleoyl-DAG	4,5	9,4	-	-	7,4
C mono-[¹⁴ C]-ricinoleoyl-PC	mono-vernoleoyl-DAG	mono-vernoleoyl-DAG	6,0	11,5	10,9	0,5	6,8
C mono-[¹⁴ C]-ricinoleoyl-PC	di-vernoleoyl-DAG	di-vernoleoyl-DAG	6,7	10,8	1,1	8,4	

nmol fatty acids per mg seed

standard

T1 plant deviation	T2 plant number	nmol fatty acids per mg seed	
32-4	1	1277	± 11 (n=2)
			± 63 (n=3)
	4	1261	± 17 (n=3)
	5	1369	± 53 (n=4)
	6	1312	± 54 (n=5)
	7	1197	± 78 (n=4)
	8	1240	± 54 (n=5)
	9	1283	± 35 (n=5)
	10	1381	
	26-14		
1		1444	± 109 (n=4)
2		1617*	± 37 (n=2)
3		1374	± 70 (n=4)
5		1562*	± 77 (n=4)
6		1393	± 98 (n=4)
7		1433	± 82 (n=4)
8		1581*	

[illegible]